

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES
				1 of 3
2. AMENDMENT/MODIFICATION NO. 2	3. EFFECTIVE DATE 16-Jan-2002	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY US Army Corps of Engineers, Kansas City District 760 Federal Building, 601 East 12th Street Kansas City, Missouri 64106-2896		7. ADMINISTERED BY (If other than item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		(x) 9a. AMENDMENT OF SOLICITATION NO. X DACW41-02-B-0001 9b. DATED (SEE ITEM 11) 12/22/2001 10a. MODIFICATION OF CONTRACT/ORDER NO. 10b. DATED (SEE ITEM 13)		
CODE	FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above number solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☒ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing Items 8 and 15, and returning\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegraph which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBER CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF:
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor ☐ is not, ☐ is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Missouri River Levee System, Levee Unit L-385  
 Phase I - Quindaro Levees and Stop Log Gap, Phase II - Quindaro-Riverside Levees and Structures  
 The Solicitation is amended in accordance with the attached pages.  
 BID OPENING IS DELAYED UNTIL 2:00 PM, LOCAL TIME, 19 FEBRUARY 2001, RM 748,  
 FEDERAL BUILDING, 601 E. 12TH STREET, KANSAS CITY, MISSOURI 64106-2896.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR		16B. UNITED STATES OF AMERICA	
15C. DATE SIGNED		16C. DATE SIGNED	
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	

The SOLICITATION is amended as follows:

**CLARIFICATION: Small Business Subcontracting Plan goals shall be expressed in terms of percentages of total planned subcontracting dollars, for the use of small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns as subcontractors. The small business goals are ~~not~~ based on the total contract value.**

1. SPECIFICATIONS:

- a. ~~Narrative Change:~~ The page numbers of the Bidding Schedule are changed to read Page 1 of 78 through Page 78 of 78.
- b. ~~Revised Pages:~~ The following pages have been deleted and are replaced with revised pages of the same numbers. Copies of the revised pages are attached.

~~Bidding Schedule~~

Page 8 of 78  
Page 12 of 78  
Page 13 of 78  
Page 16 of 78  
Page 18 of 78  
Page 19 of 78  
Page 27 of 78  
Page 33 of 78  
Page 40 of 78  
Page 43 of 78  
Page 46 of 78  
Page 50 of 78  
Page 51 of 78  
Page 59 of 78  
Page 67 of 78  
Page 68 of 78  
Page 69 of 78  
Page 75 of 78  
Page 78 of 78

~~Contract Clauses~~

Page 34 of 35  
Page 35 of 35

2. DRAWINGS:

- a. ~~Deleted Drawings:~~ The following drawings are deleted from the specification.

~~Phase 1~~

Sheet S106  
Sheet S108  
Sheet S110

- b. ~~Revised Drawings:~~ The following drawings are deleted and replaced with revised drawings of the same numbers. Copies of the revised drawings are attached.

~~Phase 1~~

Sheet A-1

~~Phase 2~~

Sheet S70  
Sheet S70A  
Sheet S110  
Sheet S3

3. Bidders are required to acknowledge receipt of this amendment on the Bidding Form, in the space provided, or by separate letter or telegram prior to opening of bids. Failure to acknowledge all amendments may cause rejection of the bid.

4. Bids will be received until 2:00 p.m., local time, 19 February 2002, in Room 760 Federal Building, 601 E. 12<sup>th</sup> Street, Kansas City, Missouri 64106-2896. and at that time publicly opened.

Encls

1. Spec pgs as listed
2. Drawings as listed

DACW41-02-B-0001-0002

Project: Missouri River Levee System, Quindaro Levee and Stoplog Gap,  
(Levee Unit L-385), Riverside, Missouri

### BIDDING SCHEDULE

#### BASE SCHEDULE PHASE I

ITEM NO.	DESCRIPTION	EST QTY	UNIT	UNIT PRICE	SUBTOTAL	AMT
0031	Seeding & Mulching - Levee Mix	78	ACR	\$_____		\$_____
0032	Seeding & Mulching - Native Grasses/Wild- flowers, Mixture "A"	83	ACR	\$_____		\$_____
0033	Seeding & Mulching - Native Grasses, Mixture "B"	93	ACR	\$_____		\$_____
0034	Trees	23,800	EA	\$_____		\$_____
0035	Shrubs	8,400	EA	\$_____		\$_____
0036	Free Board Gage		LS	\$_____		\$_____

#### OPTION SCHEDULE PHASE I

ITEM NO.	DESCRIPTION	EST QTY	UNIT	UNIT PRICE	SUBTOTAL	AMT
0037	Not Used					
0038	Government Field Office (OPTION 1)	36	MONTHS			\$_____

**TOTAL BASE AND OPTION SCHEDULE PHASE I \$ \_\_\_\_\_**

Determination of the Bidder's total price for the proposed work will be based on the TOTAL of the BASE SCHEDULE and OPTION SCHEDULE. Immediate award will be made of the BASE SCHEDULE. At the option of the Government, the OPTION SCHEDULE may be awarded at the bid price after Notice of Award for the BASE SCHEDULE work. The Government does not guarantee any work beyond that of the BASE SCHEDULE. The Government reserves the right to pick up the OPTION SCHEDULE at the bid price within 60 calendar days after the Notice to Proceed. Bidders' attention is directed to SECTION 00100, paragraph titled "Evaluation of Options".

**Following are descriptions of work for each bid item for purposes of determining measurement and payment.**

Project: Missouri River Levee System, Quindaro Levee and Stoplog Gap,  
(Levee Unit L-385), Riverside, Missouri

### **BIDDING SCHEDULE PHASE I BID NOTES**

0017 Closure Monolith Wall – The work includes all labor, equipment, and materials necessary to place forms, reinforcing, and concrete; work also includes finishing and curing concrete; metals associated with the closure monolith wall and associated welding.

0018 Closure Monolith Sill – The work includes all labor, equipment, and materials necessary to: perform structural excavation/backfilling/compaction; place forms, reinforcing, and concrete for the closure monolith sill/postwells; finish and cure concrete; place metals associated with the closure monolith sill/postwells and associated welding.

0019 Stoplogs – Type A – The work includes all labor, equipment, and materials necessary to fabricate, furnish and install the type “A” stoplogs in the channel slots.

0020 Stoplogs – Type B – The work includes all labor, equipment, and materials necessary to fabricate, furnish and install the type “B” stoplogs in the channel slots.

0021 Stoplog Storage Pedestals – The work includes all labor, equipment, and materials necessary to: perform structural excavation/backfilling/compaction; place forms, reinforcing, and concrete for the stoplog storage pedestals; finish and cure concrete; place metals and neoprene associated with the stoplog storage pedestals and associated welding. Also included in this item is the removal of the stoplogs and posts from the channel slots and postwells and placement/securing of the stoplogs and posts on the stoplog storage pedestals.

0022 Stoplog Posts/Misc. Metals – The work includes all labor, equipment, and materials necessary to fabricate, furnish and install the Stoplog posts in the postwells.

0023 Riprap – This item includes all cost associated with furnishing, hauling, handling, placing, and maintaining the riprap until final acceptance by the government.

0024 Bedding – This item includes all cost associated with furnishing, hauling, handling, placing, and maintaining the bedding material until the placement of riprap cover is completed.

0025 Rockfill – This item includes all labor, equipment, and material costs associated with furnishing, hauling, handling, and placement of rockfill material within the riverward berm slopes.

0026 Soil Surface Erosion Control – This item includes all costs associated with the furnishing and placement of erosion control material on the levee slopes in lieu of riprap and bedding material.

0027 Riverside Berm Fill - – This item includes all costs associated with excavating, hauling, handling, placing, and compacting the impervious material associated with the stability berm. Stripping of the borrow/levee area is not included in the quantities. Stripping is considered an incidental cost.

0028 Random Fill - – This item includes all costs associated with furnishing, handling, placing, and compacting the random material associated with the construction of the levee and underseepage berm. . Stripping of the borrow/levee area is not included in the quantities. Stripping is considered an incidental cost. Cost also includes required hydrographic surveys.

Project: Missouri River Levee System, Quindaro Levee and Stoplog Gap,  
(Levee Unit L-385) Riverside, Missouri

**BIDDING SCHEDULE PHASE I BID NOTES**

0029 Impervious Fill - – This item includes all labor, equipment, and material costs associated with: backfilling and compacting the inspection trench; excavation, hauling, handling, placement, and compaction of impervious material for the levee. Costs also include placing topsoil within required limits. . Stripping of the borrow/levee area is not included in the quantities. Stripping is considered an incidental cost.

0030 Aggregate Surface Course – This item includes all cost associated with furnishing, hauling, handling, placing, and compacting the surfacing material.

**BIDDING SCHEDULE PHASE I BID NOTES**

0031 Seeding and Mulching Levee Mixture – This item includes all costs associated with tilling, furnishing and placement of fertilizer, Levee Mixture seed, and mulch

0032 Seeding and Mulching - Native Grass/Wildflower - Mixture “A”– This item includes all costs associated with tilling, furnishing and placement of fertilizer, Native Grasses/Wildflower - Mixture “A” seed, and mulch

0033 Seeding and Mulching - Native Grasses - Mixture “B” – This item includes all costs associated with tilling, furnishing and placement of fertilizer, Native Grasses - Mixture “B” seed, and mulch

0034 Trees – The work includes all labor, equipment, and materials necessary to provide and plant the specified trees.

0035 Shrubs Trees – The work includes all labor, equipment, and materials necessary to provide and plant the specified shrubs.

0036 Free Board Gage – The work includes all labor, equipment, and materials necessary to fabricate, furnish and install the free board gages including but not limited to surveying, removal/replacement of riprap, hand excavation/backfilling/compaction, welding, painting, and signage. Three free board gages will be required.

0037 Not Used

0038 Government Field Office – Bidder is directed to Section 01500 TEMPORARY CONSTRUCTION FACILITIES.

DACW41-02-B-0001-0002

Project: Missouri River Levee System, Quindaro Levee and Stoplog Gap,  
(Levee Unit L-385), Riverside, Missouri

### BIDDING SCHEDULE

#### BASE SCHEDULE PHASE II

ITEM NO.	DESCRIPTION	EST QTY	UNIT	UNIT PRICE	SUBTOTAL	AMT
0052	Riprap	874	TONS	\$_____		\$_____
0053	Geotextile used as Filter Material	12,492	SF	\$_____		\$_____
0054	All other Items		LS			\$_____
	-Inlet Structure		LS		\$_____	
	-Trash Rack		LS		\$_____	
	-108" Reinforced Concrete Pipe		LS		\$_____	
	-Twin 9'x9' Reinforced Concrete Box		LS		\$_____	
	-Pump Plant		LS		\$_____	
	-Pump Plant Metals (incl vents/Discharge Pipe		LS		\$_____	
	-Pumps/Pump Controls		LS		\$_____	
	- 108" Sluice Gate		LS		\$_____	
	-Electrical Work		LS		\$_____	
	-Electrical Service to Pump Plant		LS		\$_____	
	-Outlet Structure		LS		\$_____	
	-108" Dia Flap Gate		LS		\$_____	
	-Free Board Gages		LS		\$_____	
	-Gabions on Inlet Ditch		LS		\$_____	
0055	<b>Stoplog Gap Q0</b>		LS			\$_____
	-Construction Staging for Q0		LS		\$_____	
	-Test Piles - Mob/ Demob		LS		\$_____	
	-I-Wall Sheetpiling		LS		\$_____	
	-Seepage Cutoff Wall		LS		\$_____	
	-North Transition Wall		LS		\$_____	
	-South Transition Wall		LS		\$_____	
	-Monolith 21		LS		\$_____	

DACW41-02-B-0001-0002

Project: Missouri River Levee System, Quindaro Levee and Stoplog Gap,  
(Levee Unit L-385), Riverside, Missouri

### BIDDING SCHEDULE

#### BASE SCHEDULE PHASE II

ITEM NO.	DESCRIPTION	EST QTY	UNIT	UNIT PRICE	SUBTOTAL	AMT
0058	<b>Stoplog Gap Q3A</b>		LS			\$_____
	-Construction Staging		LS		\$_____	
	-Test Piles - Mob/ Demob		LS		\$_____	
	-I-Wall Sheetpiling		LS		\$_____	
	-Seepage Cutoff Wall Not Used		LS		\$_____	
	-M28		LS		\$_____	
	-M29		LS		\$_____	
	-Closure Monolith		LS		\$_____	
	-Stoplogs/Associated Metals for Q3a		LS		\$_____	
	-Pavement Reconstruction		LS		\$_____	
0059	<b>Drainage Systems (Quindaro)</b>		LS			\$_____
	-Gatewell #2		LS		\$_____	
	-Gatewell #4		LS		\$_____	
	-Drainage System #8		LS		\$_____	
	-Hwy 9 Earthwork and Drainage System		LS		\$_____	
<b>Quindaro Levee</b>						
0060	Clearing and Grubbing		LS			\$_____
0061	Inspection Trench Excavation	18,682	CY	\$_____		\$_____
0062	Exc/Disposal of Unsuitable Material	10,890	CY	\$_____		\$_____



Project: Missouri River Levee System, Quindaro Levee and Stoplog Gap,  
(Levee Unit L-385) Riverside, Missouri

### BIDDING SCHEDULE

#### BASE SCHEDULE PHASE II

ITEM NO.	DESCRIPTION	EST QTY	UNIT	UNIT PRICE	SUBTOTAL	AMT
0063	Riverside Berm Fill	26,409	CY	\$_____		\$_____
0064	Random Fill	186,067	CY	\$_____		\$_____
0065	Impervious Fill	155,329	CY	\$_____		\$_____
0066	Landside Berm Fill	54,908	CY	\$_____		\$_____
0067	Burlington Creek Rockfill	3,903	TONS	\$_____		\$_____
0068	Aggregate Surface Course	1,947	TONS	\$_____		\$_____
0069	Riprap	9,395	TONS	\$_____		\$_____
0070	Bedding	2,158	TONS	\$_____		\$_____
0071	Soil Surface Erosion Control Material	2,585	SY	\$_____		\$_____
0072	Geotextile used as Filter Material	2,856	SY	\$_____		\$_____
0073	Riprap Truckload Test		LS	\$_____		\$_____
0074	NW Platte Road Raise		LS			\$_____
0075	Seeding & Mulching	36.28	ACR	\$_____		\$_____

Project: Missouri River Levee System, Quindaro Levee and Stoplog Gap,  
(Levee Unit L-385) Riverside, Missouri

### **BIDDING SCHEDULE PHASE II BID NOTES**

0049: Structural Excavation— This item includes all labor, equipment, and material costs associated with excavating, loading, hauling, and dumping of material from the inlet, pipe, pump plant, and outlet limits. This item also includes any dewatering necessary to construct pump plant and associated items.

0050: Inlet/Outlet Ditch— This item includes all labor, equipment, and material costs associated with excavating, loading, hauling, and dumping of material from the inlet/outlet ditch limits.

0051: Backfilling— This item includes all labor, equipment, and material costs associated with excavating, loading, hauling, dumping, spreading, and compaction of material for the inlet, pipe, pump plant, and outlet limits. This item does not include fill for the levee embankment.

0052: Riprap – This item includes all cost associated with furnishing, hauling, handling, placing, and maintaining the riprap until final acceptance by the government for the pump plant ditch. This item does not include riprap for the gabions.

0053: Geotextile Used As Filter Material—This item includes all costs associated with the furnishing and placement of geotextile material on the inlet/outlet ditch slopes below riprap material.

0054: All Other Items for the Quindaro Pump Plant (which include the following items).

- Inlet Structure – The work includes all labor, equipment, and materials necessary to: perform toe excavation; place sheetpiling; place forms, reinforcing, and concrete for the inlet structure base, and walls; finish and cure concrete.
- Trash Rack – The work includes all labor, equipment, and materials necessary to fabricate and install trash racks on the inlet structure.
- 108" Reinforced Concrete Pipe – The work includes all labor, equipment, and materials necessary to: perform subgrade preparation for pipe shaping and cradles; place forms, reinforcing, and concrete for the pipe cradles; finish and cure concrete; furnish, handle, and place reinforced concrete pipe.
- Twin 9'x9' Reinforced Concrete Box – The work includes all labor, equipment, and materials necessary to: perform subgrade preparation for RCB; place forms, reinforcing, and concrete for the RCB; finish and cure concrete; installation of collar, expansion joints, and waterstops.
- Pump Plant – The work includes all labor, equipment, and materials necessary to: perform subgrade preparation; place forms, reinforcing, and concrete for the pump plant base, walls, and elevated slab; finish and cure concrete.
- Pump Plant Metals – The work includes all labor, equipment, and materials necessary to fabricate, furnish and install pump plant metals including but not limited to ladder rungs, grating, angle iron, expansion anchors, steel plates, screws, gate operator platform, guard railing, chains, and fencing. Cost also includes the fabrication, installation/removal, and storage of stoplogs.

Project: Missouri River Levee System, Quindaro Levee and Stoplog Gap,  
(Levee Unit L-385) Riverside, Missouri

### **BIDDING SCHEDULE PHASE II BID NOTES**

concrete for the pipe cradles; finish and cure concrete; furnish, handle, and place reinforced concrete pipe; perform structural excavation for inlet; place forms, reinforcing, and concrete for the inlet structure base, and walls; finish and cure concrete; perform structural excavation for outlet; place forms, reinforcing, and concrete for the outlet structure base, and walls; finish and cure concrete. This item also includes the furnishing, handling, and installation of the 54" Flap gate.

- Gatewell Structure #4 – The work includes all labor, equipment, and materials necessary to: perform structural excavation; place forms, reinforcing, and concrete for the gatewell structure base, walls, and elevated slab; finish and cure concrete; fabricate, furnish and install gatewell metals including but not limited to ladder rungs, grating, angle iron, expansion anchors, steel plates, screws, sluice gate, pipe railing, chains, and pipe stands; perform excavation/backfilling to preconstruction ground elevation/compaction for RCP; perform subgrade preparation and fine grading; place forms, reinforcing, and concrete for the pipe cradles; finish and cure concrete; furnish, handle, and place reinforced concrete pipe; perform structural excavation for inlet ditch/inlet; place forms, reinforcing, and concrete for the inlet structure base, and walls; finish and cure concrete; perform structural excavation for outlet and ditch; place forms, reinforcing, and concrete for the outlet structure base, and walls; finish and cure concrete. This item also includes the furnishing, handling, and installation of the 60" Flap gate. This item also includes all cost associated with furnishing, hauling, handling, placing, and maintaining the riprap/bedding for the outlet structure on Gatewell #4 until final acceptance by the government.

- Drainage System #8 - – The work includes all labor, equipment, and materials necessary to: perform structural excavation; place forms, reinforcing, and concrete for the gatewell structure base, walls, and elevated slab; finish and cure concrete; fabricate, furnish and install gatewell metals including but not limited to ladder rungs, grating, angle iron, expansion anchors, steel plates, screws, sluice gate, pipe railing, chains, and pipe stands; perform excavation/backfilling to preconstruction ground elevation /compaction for RCP; perform subgrade preparation and fine grading; place forms, reinforcing, and concrete for the pipe cradles; finish and cure concrete; furnish, handle, and place reinforced concrete pipe; perform structural excavation for inlet ditch/inlet; place forms, reinforcing, and concrete for the inlet structure base, and walls; finish and cure concrete; perform structural excavation for outlet and ditch; place forms, reinforcing, and concrete for the outlet structure base, and walls; finish and cure concrete. This item also includes the furnishing, handling, and installation of the 60" Flap gate; This item also includes all cost associated with furnishing, hauling, handling, placing, and maintaining the riprap/bedding for the outlet structure on Drainage System #8 until final acceptance by the government.

- Highway 9 Earthwork and Drainage System – The work includes the provision of all labor, equipment, and materials required for clearing and grubbing, ditch excavation, impervious fill, plugging of a storm drain, bore/jack and grade highway 9 ramp. Seeding and mulching are included with Item 0075 Seeding and Mulching.

0060: Clearing and Grubbing – The work includes the provision of all labor, equipment, and materials required for clearing and grubbing the work site, the removal of trash and debris resulting from the clearing operations and the disposal of cleared and grubbed debris, trash and material resulting from the clearing operations.

Project: Missouri River Levee System, Quindaro Levee and Stoplog Gap,  
(Levee Unit L-385), Riverside, Missouri

### **BIDDING SCHEDULE PHASE II BID NOTES**

0093: Spalls - This item includes all cost associated with furnishing, hauling, handling, placing, and maintaining the spalls until final acceptance by the government.

0094: Bedding - This item includes all cost associated with furnishing, hauling, handling, placing, and maintaining the bedding material until final acceptance by the government.

0095: Geotextile Used as Filter Material – This item includes all costs associated with the furnishing and placement of geotextile material between the levee earth fill and 6-inch bedding.

0096: Riprap Truckload Test - This item includes all costs associated with the loading of stone into a truck, the dumping of the stone, the weighing and sizing of the stone, and the recording of the data. This work shall be performed at the quarry. Three riprap truckload test will be required.

0097: Clearing and Grubbing – The work includes the provision of all labor, equipment, and materials required for clearing and grubbing the work site, the removal of trash and debris resulting from the clearing operations and the disposal of cleared and grubbed debris, trash and material resulting from the clearing operations.

0098: Demolition – This item includes all costs associated with pavement demolition around the ProLogis building; fencing relocation from Sta ~51+89 to 75+50; and headwall demolition at Sta 63+23.

0099: Excavation and Disposal of Unsuitable Material – The work includes the provision of all labor, equipment, and materials required to the excavation and disposal of unsuitable material at the following locations: RS Sta.~66+00 to 79+00.

0100: Inspection Trench Excavation – The work includes the provision of all labor, equipment, and materials required for the excavation and inspection of the inspection trench. Backfilling for this item is covered under impervious fill.

0101: Riverside Berm Fill -This item includes all labor, equipment, and material costs associated with excavation, hauling, handling, placement, and compaction of impervious fill material within the riverward berm slopes.

0102: Levee Random Fill – This item includes all labor, equipment, and material costs associated with excavation, hauling, handling, placement, and compaction of levee random fill material within the levee embankment slopes, within the levee embankment slopes projected, and ramps/turnouts/turnarounds.

0103: Levee Impervious Fill – This item includes all labor, equipment, and material costs associated with excavation, hauling, handling, placement, and compaction of levee impervious fill material within the levee embankment slopes, within the levee embankment slopes projected, and seepage cutoff impervious fill necessary in preparation for riverside berm fill.

0104: Landside Berm Fill — This item includes all labor, equipment, and material costs associated with excavation, hauling, handling, placement, and compaction of random fill material within the landward berm slopes.

Project: Missouri River Levee System, Quindaro Levee and Stoplog Gap,  
(Levee Unit L-385) Riverside, Missouri

### **BIDDING SCHEDULE PHASE II BID NOTES**

- Drainage System #6A – The work includes all costs associated with the provision and installation of the 15" RCP, manhole MH-8; modification of exist EXCI-6; associated excavation, backfilling to preconstruction ground elevation, and compaction.
- Drainage System #6B – The work includes all costs associated with the provision and installation of the 48" RCP, 15" RCP, manhole MH-9; modification of EXCI-12; outlet structure; associated excavation, backfilling to preconstruction ground elevation, and compaction.
- Drainage System at 9B – The work includes all costs associated with the provision and installation of the 18"/30" RCP, 18"/30" Inlet structure, 18"/30" Outlet Structure; demolition and disposal of pavement; pavement repair; associated excavation, backfilling to preconstruction ground elevation, and compaction.
- Interior Detention Basin South Red-X – The work includes all costs associated with the provision and installation of the 15" CMP; excavation, backfilling and compaction for the 15" CMP; Excavation for the detention pond; and detention pond shaping. Seeding and mulching are included in Item 0106 Seeding and Mulching.
- Red-X Ditch – The work includes all costs associated with excavation and grading of the ditch; the construction of Junction Box JB-R98; the associated excavation, backfilling, and compaction for the extended pipe and junction box; demolition of the CMP in the Junction Box.
- Drainage System at ProLogis – The work includes all costs associated with the provision and installation of the 30" RCP; construction of Junction Boxes JB1, JB2, JB3, and JB4; Construction of the outlet structure; associated excavation, backfilling to preconstruction ground elevation, and compaction.
- Relief Wells 7&8 @ ProLogis - The work includes all costs associated with mob/demob to the site, drilling for wells, provision and installation of well casing, screens, plugs, centralizers, filter pack, grout, outflow pipe, flap gate, pvc pipe, and metals for lid; sterilization; pump test; soil tests. Also included is the cost for the construction of the vaults.
- Gabions @ Floodwall – This item includes all cost associated with furnishing, hauling, handling, placing, and maintaining the riprap and cages until final acceptance by the government for the gabion protection at the floodwall.

0109a: Government Field Office – Bidder is directed to Section 01500 TEMPORARY CONSTRUCTION FACILITIES.

0109b: This item includes all costs associated with the furnishing/application of anti-graffiti sealer to the walls of: Q0 North/South transition; M21/M22, and the Closure Monolith; Q3a – M28/M29, and Closure Monolith; R1a – I-wall, M25/M26, and Closure Monolith; R2 – I-wall, Storage Monolith, Closure Monolith (S), Closure Monolith (N), Floodwall Monolith (1), Floodwall Monolith (2), Floodwall Monolith (3), and M27; Riverside Floodwall – both sides.

DACW41-02-B-0001-0002

Project: Missouri River Levee System, Quindaro Levee and Stoplog Gap,  
(Levee Unit L-385), Riverside, Missouri

**BIDDING SCHEDULE**

**BASE SCHEDULE PHASE I + PHASE II**

<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>EST QTY</b>	<b>UNIT</b>	<b>UNIT PRICE</b>	<b>SUBTOTAL</b>	<b>AMT</b>
0118	Test Piles - Lateral Load Test		LS	\$_____		\$_____
0119	Test Piles - Compressive Compressive Load Test		LS	\$_____		\$_____

**Quindaro Pump Plant**

0120	Ponding Area Excavation	160,000	CY	\$_____		\$_____
0121	Structural Excavation	27,709	CY	\$_____		\$_____
0122	Inlet/Outlet Ditch		LS	\$_____		\$_____
0123	Backfilling	23,981	CY	\$_____		\$_____
0124	Riprap	874	TONS	\$_____		\$_____
0125	Geotextile Used as Filter Material	12,492	SF	\$_____		\$_____
0126	All other Items		LS			\$_____
	-Inlet Structure		LS		\$_____	
	-Trash Rack		LS		\$_____	
	-108" Reinforced Concrete Pipe		LS		\$_____	
	-Twin 9'x9' Reinforced Concrete Box		LS		\$_____	
	-Pump Plant		LS		\$_____	
	-Pump Plant Metals (incl vents/Discharge Pipe		LS		\$_____	
	-Pumps/Pump Controls		LS		\$_____	
	- 108" Sluice Gate		LS		\$_____	

DACW41-02-B-0001-0002

Project: Missouri River Levee System, Quindaro Levee and Stoplog Gap,  
(Levee Unit L-385), Riverside, Missouri

**BIDDING SCHEDULE**

**BASE SCHEDULE PHASE I + PHASE II**

<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>EST QTY</b>	<b>UNIT</b>	<b>UNIT PRICE</b>	<b>SUBTOTAL</b>	<b>AMT</b>
0140	Geotextile	107,710	SF	\$_____		\$_____
0141	Riverside Berm Fill	143,061	CY	\$_____		\$_____
0142	Random Fill	1,385,568	CY	\$_____		\$_____
0143	Impervious Fill	344,389	CY	\$_____		\$_____
0144	Crushed Rock Surfacing	5,149	TONS	\$_____		\$_____
0145	Seeding & Mulching - Levee Mix	78	ACRES	\$_____		\$_____
0146	Seeding & Mulching - Native Grasses/Wild- Flowers, Mixture "A"	83	ACRES	\$_____		\$_____
0147	Seeding & Mulching - Native Grasses, Mixture "B"	93	ACRES	\$_____		\$_____
0148	Trees	23,800	EA	\$_____		\$_____
0149	Shrubs	8,400	EA	\$_____		\$_____
0150	Free Board Gage		LS			\$_____
<b>Quindaro Levee (Phase II)</b>						
0151	Clearing and Grubbing		LS			\$_____
0152	Inspection Trench Excavation	18,682	CY	\$_____		\$_____
0153	Exc/Disposal of Unsuitable Material	10,890	CY	\$_____		\$_____
0154	Riverside Berm Fill	26,409	CY	\$_____		\$_____
0155	Random Fill	186,067	CY	\$_____		\$_____

Project: Missouri River Levee System, Quindaro Levee and Stoplog Gap,  
(Levee Unit L-385) Riverside, Missouri

### BIDDING SCHEDULE

#### BASE SCHEDULE PHASE I + PHASE II

ITEM NO.	DESCRIPTION	EST QTY	UNIT	UNIT PRICE	SUBTOTAL	AMT
0156	Impervious Fill	155,329	CY	\$_____		\$_____
0157	Landside Berm Fill	54,908	CY	\$_____		\$_____
0158	Burlington Creek Rockfill	3,903	TONS	\$_____		\$_____
0159	Crushed Rock Surfacing	1,947	TONS	\$_____		\$_____
0160	Riprap	9,395	TONS	\$_____		\$_____
0161	Bedding	2,158	TONS	\$_____		\$_____
0162	Soil Surface Erosion Control Material	2,585	SY	\$_____		\$_____
1063	Geotextile used as Filter Material	2,856	SY	\$_____		\$_____
0164	Riprap Truckload Test		LS	\$_____		\$_____
0165	NW Platte Road Raise		LS			\$_____
0166	Seeding & Mulching	36.28	ACR	\$_____		\$_____
0167	Stoplog Gap R1a		LS			\$_____
	-Construction Staging		LS		\$_____	
	-Test Piles - Mob/ Demob		LS		\$_____	
	-I-Wall Sheetpiling		LS		\$_____	
	-Seepage Cutoff Wall		LS		\$_____	
	-I-Wall Concrete		LS		\$_____	
	-M25		LS		\$_____	
	-M26		LS		\$_____	
	-Closure Monolith		LS		\$_____	
	-Stoplogs/Assoc. Metals for R1a		LS		\$_____	
	-Pavement Reconstruction		LS		\$_____	



Project: Missouri River Levee System, Quindaro Levee and Stoplog Gap,  
(Levee Unit L-385) Riverside, Missouri

### **BIDDING SCHEDULE PHASE I + PHASE II BID NOTES**

0123: Backfilling– This item includes all labor, equipment, and material costs associated with excavating, loading, hauling, dumping, spreading, and compaction of material for the inlet, pipe, pump plant, and outlet limits. This item does not include fill for the levee embankment.

0124: Riprap – This item includes all cost associated with furnishing, hauling, handling, placing, and maintaining the riprap until final acceptance by the government for the pump plant ditch. This item does not include riprap for the gabions.

0125: Geotextile Used As Filter Material – This item includes all costs associated with the furnishing and placement of geotextile materials on the inlet/outlet ditch slopes below riprap material.

0126: All Other Items for the Quindaro Pump Plant (which include the following items).

- Inlet Structure – The work includes all labor, equipment, and materials necessary to: perform toe excavation; place sheetpiling; place forms, reinforcing, and concrete for the inlet structure base, and walls; finish and cure concrete.

- Trash Rack – The work includes all labor, equipment, and materials necessary to fabricate and install trash racks on the inlet structure.

- 108" Reinforced Concrete Pipe – The work includes all labor, equipment, and materials necessary to: perform subgrade preparation for pipe shaping and cradles; place forms, reinforcing, and concrete for the pipe cradles; finish and cure concrete; furnish, handle, and place reinforced concrete pipe.

- Twin 9'x9' Reinforced Concrete Box – The work includes all labor, equipment, and materials necessary to: perform subgrade preparation for RCB; place forms, reinforcing, and concrete for the RCB; finish and cure concrete: installation of collar, expansion joints, and waterstops.

- Pump Plant – The work includes all labor, equipment, and materials necessary to: perform subgrade preparation; place forms, reinforcing, and concrete for the pump plant base, walls, and elevated slab; finish and cure concrete.

- Pump Plant Metals – The work includes all labor, equipment, and materials necessary to fabricate, furnish and install pump plant metals including but not limited to ladder rungs, grating, angle iron, expansion anchors, steel plates, screws, gate operator platform, guard railing, chains, and fencing. Cost also includes the fabrication, installation/removal, and storage of stoplogs.

- Pumps/Pump Controls – The work includes all labor, equipment, and material necessary furnish and install pumps, discharge tubes, and pump controls.

- 108" Sluice Gate – The work includes all labor, equipment, and materials necessary to furnish and install wall thimble, sluice gate, stem, and gate operators.

Project: Missouri River Levee System, Quindaro Levee and Stoplog Gap,  
(Levee Unit L-385) Riverside, Missouri

### **BIDDING SCHEDULE PHASE I + PHASE II BID NOTES**

- Drainage System #8 - – The work includes all labor, equipment, and materials necessary to: perform structural excavation; place forms, reinforcing, and concrete for the gatewell structure base, walls, and elevated slab; finish and cure concrete; fabricate, furnish and install gatewell metals including but not limited to ladder rungs, grating, angle iron, expansion anchors, steel plates, screws, sluice gate, pipe railing, chains, and pipe stands; perform excavation/backfilling to preconstruction ground elevation /compaction for RCP; perform subgrade preparation and fine grading; place forms, reinforcing, and concrete for the pipe cradles; finish and cure concrete; furnish, handle, and place reinforced concrete pipe; perform structural excavation for inlet ditch/inlet; place forms, reinforcing, and concrete for the inlet structure base, and walls; finish and cure concrete; perform structural excavation for outlet and ditch; place forms, reinforcing, and concrete for the outlet structure base, and walls; finish and cure concrete. This item also includes the furnishing, handling, and installation of the 60" Flap gate; This item also includes all cost associated with furnishing, hauling, handling, placing, and maintaining the riprap/bedding for the outlet structure on Drainage System #8 until final acceptance by the government.

- Highway 9 Earthwork and Drainage System – The work includes the provision of all labor, equipment, and materials required for clearing and grubbing, ditch excavation, impervious fill, plugging of a storm drain, bore/jack and grade highway 9 ramp. Seeding and mulching are included with Item 0165 Seeding and Mulching.

0133: Clearing and Grubbing – The work includes the provision of all labor, equipment, and materials required for clearing and grubbing the work site, the removal of trash and debris resulting from the clearing operations and the disposal of cleared and grubbed debris, trash and material resulting from the clearing operations. The work also includes the provision of all labor, equipment, and materials for the removal of fence posts and associated concrete, chain link fabric, barbed wire, gates and associated hardware from the work site; also included is hauling of material offsite, and proper disposal offsite. Fencing material is not to be reused.

0134: Required Excavation – The work includes the provision of all labor, equipment, and materials required for the excavation, inspection, and backfilling of the inspection trench; excavation, loading, hauling, and dumping of the existing levee material; and the excavation, loading, hauling, and dumping of the borrow area material.

0135: Not Used

0136: New Fencing – New fencing includes the provision and installation of corner/line/gate posts with concrete, brace bars, chainlink fabric, stretcher bars, truss rods with turnbuckles, line post wire ties, tension wire, wire hog rings, post brackets with barb wire, locking devices, plunger bar and all other details shown on drawings.

0137: Riprap – This item includes all cost associated with furnishing, hauling, handling, placing, and maintaining the riprap until final acceptance by the government. This item does not include riprap costs for Gatewell #4 or Drainage System #8.

0138: Bedding – This item includes all cost associated with furnishing, hauling, handling, placing, and maintaining the bedding material until the placement of riprap cover is completed.

0139: Rockfill – This item includes all labor, equipment, and material costs associated with furnishing, hauling, handling, and placement of rockfill material within the riverward berm slopes.

Project: Missouri River Levee System, Quindaro Levee and Stoplog Gap,  
(Levee Unit L-385), Riverside, Missouri

### **BIDDING SCHEDULE PHASE I + PHASE II BID NOTES**

0140: Geotextile – This item includes all costs associated with the furnishing and placement of erosion control material on the levee slopes.

0141: Riverside Berm Fill - – This item includes all costs associated with excavating, hauling, handling, placing, and compacting the impervious material associated with the stability berm. Stripping of the borrow/levee area is not included in the quantities. Stripping is considered an incidental cost.

0142: Random Fill - – This item includes all costs associated with furnishing, handling, placing, and compacting the random material associated with the construction of the levee and underseepage berm. . Stripping of the borrow/levee area is not included in the quantities. Stripping is considered an incidental cost. Cost also includes required hydrographic surveys.

0143: Impervious Fill - – This item includes all labor, equipment, and material costs associated with: backfilling and compacting the inspection trench; excavation, hauling, handling, placement, and compaction of impervious material for the levee. Costs also include placing topsoil within required limits. . Stripping of the borrow/levee area is not included in the quantities. Stripping is considered an incidental cost.

0144: Crushed Rock Surfacing – This item includes all cost associated with furnishing, hauling, handling, placing, and compacting the surfacing material.

0145: Seeding and Mulching Levee Mixture – This item includes all costs associated with tilling, furnishing and placement of fertilizer, Levee Mixture seed, and mulch

0146: Seeding and Mulching - Native Grasses/Wildflowers - Mixture “A”– This item includes all costs associated with tilling, furnishing and placement of fertilizer, Native Grasses/Wildflowers - Mixture “A” seed, and mulch.

0147: Seeding and Mulching - Native Grasses - Mixture “B” – This item includes all costs associated with tilling, furnishing and placement of fertilizer, Native Grasses - Mixture “B” seed, and mulch.

0148: Trees – The work includes all labor, equipment, and materials necessary to provide and plant the specified trees.

0149: Shrubs – The work includes all labor, equipment, and materials necessary to provide and plant the specified shrubs.

0150: Free Board Gage – The work includes all labor, equipment, and materials necessary to fabricate, furnish and install the free board gages including but not limited to surveying, removal/replacement of riprap, hand excavation/backfilling/compaction, welding, painting, and signage. Three free board gages will be required.

0151: Clearing and Grubbing – The work includes the provision of all labor, equipment, and materials required for clearing and grubbing the work site, the removal of trash and debris resulting from the clearing operations and the disposal of cleared and grubbed debris, trash and material resulting from the clearing operations.

Project: Missouri River Levee System, Quindaro Levee and Stoplog Gap,  
(Levee Unit L-385) Riverside, Missouri

### **BIDDING SCHEDULE PHASE I + PHASE II BID NOTES**

0152: Inspection Trench Excavation – The work includes the provision of all labor, equipment, and materials required for the excavation and inspection of the inspection trench. Backfilling for this item is covered under impervious fill.

0153: Excavation and Disposal of Unsuitable Material – The work includes the provision of all labor, equipment, and materials required to the excavation and disposal of unsuitable material at the following locations: QL Sta. 7+10 to 11+55; QL Sta. 207+00 to 216+00; QL Sta. 217+00 to 242+30.

0154: Riverside Berm Fill -This item includes all labor, equipment, and material costs associated with excavation, hauling, handling, placement, and compaction of impervious fill material within the riverward berm slopes.

0155: Levee Random Fill – This item includes all labor, equipment, and material costs associated with excavation, hauling, handling, placement, and compaction of levee random fill material within the levee embankment slopes, within the levee embankment slopes projected, and ramps/turnouts/turnarounds.

0156: Levee Impervious Fill – This item includes all labor, equipment, and material costs associated with excavation, hauling, handling, placement, and compaction of levee impervious fill material within the levee embankment slopes, within the levee embankment slopes projected, and seepage cutoff impervious fill necessary in preparation for riverside berm fill.

0157: Landside Berm Fill — This item includes all labor, equipment, and material costs associated with excavation, hauling, handling, placement, and compaction of random fill material within the landward berm slopes.

0158: Burlington Creek Rockfill - This item includes all cost associated with furnishing, hauling, handling, placing, and maintaining the rockfill until final acceptance by the government. The cost for excavation to place this rockfill is also included in this item. It will be considered incidental to the rockfill item.

0159: Crushed Rock Surfacing – This item includes all costs associated with furnishing, hauling, handling, placing, and compacting the crushed stone surfacing material placed on the levee.

0160: Riprap - This item includes all cost associated with furnishing, hauling, handling, placing, and maintaining the riprap until final acceptance by the government.

0161: Bedding - This item includes all cost associated with furnishing, hauling, handling, placing, and maintaining the bedding material until final acceptance by the government.

0162: Soil surface Erosion Control Material – This item includes all costs associated with the furnishing and placement of erosion control material on the levee slopes in lieu of riprap /bedding material.

0163: Geotextile Used as Filter Material – This item includes all costs associated with the furnishing and placement of geotextile material on the levee slopes in lieu of bedding material.

Project: Missouri River Levee System, Quindaro Levee and Stoplog Gap,  
(Levee Unit L-385) Riverside, Missouri

### **BIDDING SCHEDULE PHASE I + PHASE II BID NOTES**

0183: Rockfill - This item includes all cost associated with furnishing, hauling, handling, placing, and maintaining the rockfill until final acceptance by the government.

0184: Spalls - This item includes all cost associated with furnishing, hauling, handling, placing, and maintaining the spalls until final acceptance by the government.

0185: Bedding - This item includes all cost associated with furnishing, hauling, handling, placing, and maintaining the bedding material until final acceptance by the government.

0186: Geotextile Used as Filter Material – This item includes all costs associated with the furnishing and placement of geotextile material between levee earth fill and 6-inch bedding.

0187: Riprap Truckload Test - This item includes all costs associated with the loading of stone into a truck, the dumping of the stone, the weighing and sizing of the stone, and the recording of the data. This work shall be performed at the quarry. Three riprap truckload tests will be required.

0188: Clearing and Grubbing – The work includes the provision of all labor, equipment, and materials required for clearing and grubbing the work site, the removal of trash and debris resulting from the clearing operations and the disposal of cleared and grubbed debris, trash and material resulting from the clearing operations.

0189: Demolition – This item includes all costs associated with pavement demolition around the ProLogis building; fencing relocation from Sta ~51+89 to 75+50; and headwall demolition at Sta 63+23.

0190: Excavation and Disposal of Unsuitable Material – The work includes the provision of all labor, equipment, and materials required to the excavation and disposal of unsuitable material at the following locations: RS Sta.~66+00 to 79+00.

0191: Inspection Trench Excavation – The work includes the provision of all labor, equipment, and materials required for the excavation and inspection of the inspection trench. Backfilling for this item is covered under impervious fill.

0192: Riverside Berm Fill -This item includes all labor, equipment, and material costs associated with excavation, hauling, handling, placement, and compaction of impervious fill material within the riverward berm slopes.

0193: Levee Random Fill – This item includes all labor, equipment, and material costs associated with excavation, hauling, handling, placement, and compaction of levee random fill material within the levee embankment slopes, within the levee embankment slopes projected, and ramps/turnouts/turnarounds.

0194: Levee Impervious Fill – This item includes all labor, equipment, and material costs associated with excavation, hauling, handling, placement, and compaction of levee impervious fill material within the levee embankment slopes, within the levee embankment slopes projected, and seepage cutoff impervious fill necessary in preparation for riverside berm fill.

Project: Missouri River Levee System, Quindaro Levee and Stoplog Gap,  
(Levee Unit L-385), Riverside, Missouri

**BIDDING SCHEDULE PHASE I + PHASE II BID NOTES**

- Drainage System #4 – The work includes all costs associated with the construction of an inlet/outlet structure, manhole MH-12, 60" RCP, manhole MH-11, manhole MH-10A; associated excavation, backfilling to preconstruction ground elevation, compaction, and riprap.
- Drainage System #5 – The work includes all costs associated with the provision and installation of the 54" RCP, 30" RCP, outlet structure, field inlet FI-1, JB-2, JB-3, JB-4; associated excavation, backfilling to preconstruction ground elevation, and compaction.
- Drainage System #6A – The work includes all costs associated with the provision and installation of the 15" RCP, manhole MH-8; modification of exist EXCI-6; associated excavation, backfilling to preconstruction ground elevation, and compaction.
- Drainage System #6B – The work includes all costs associated with the provision and installation of the 48" RCP, 15" RCP, manhole MH-9; modification of EXCI-12; outlet structure; associated excavation, backfilling to preconstruction ground elevation, and compaction.
- Drainage System at 9B – The work includes all costs associated with the provision and installation of the 18"/30" RCP, 18"/30" Inlet structure, 18"/30" Outlet Structure; demolition and disposal of pavement; pavement repair; associated excavation, backfilling to preconstruction ground elevation, and compaction.
- Interior Detention Basin South Red-X – The work includes all costs associated with the provision and installation of the 15" CMP; excavation, backfilling and compaction for the 15" CMP; Excavation for the detention pond; and detention pond shaping. Seeding and mulching are included in Item 0197 Seeding and Mulching.
- Red-X Ditch – The work includes all costs associated with excavation and grading of the ditch; the construction of Junction Box JB-R98; the associated excavation, backfilling, and compaction for the extended pipe and junction box; demolition of the CMP in the Junction Box.
- Drainage System at ProLogis – The work includes all costs associated with the provision and installation of the 30" RCP; construction of Junction Boxes JB1, JB2, JB3, and JB4; Construction of the outlet structure; associated excavation, backfilling to preconstruction ground elevation, and compaction.
- Relief Wells 7&8 @ ProLogis - The work includes all costs associated with mob/demob to the site, drilling for wells, provision and installation of well casing, screens, plugs, centralizers, filter pack, grout, outflow pipe, flap gate, pvc pipe, and metals for lid; sterilization; pump test; soil tests. Also included is the cost for the construction of the vaults.
- Gabions @ Floodwall – This item includes all cost associated with furnishing, hauling, handling, placing, and maintaining the riprap and cages until final acceptance by the government for the gabion protection at the floodwall

0200: Government Field Office – Bidder is directed to Section 01500 TEMPORARY CONSTRUCTION FACILITIES.

0201: Anti-Graffiti Sealer – This item includes all costs associated with the furnishing/application of anti-graffiti sealer to the walls of: Q0 North/South transition; M21/M22, and the Closure Monolith; Q3a – M28/M29, and Closure Monolith; R1a – I-wall, M25/M26, and Closure Monolith; R2 – I-wall, Storage Monolith, Closure Monolith (S), Closure Monolith (N), Floodwall Monolith (1), Floodwall Monolith (2), Floodwall Monolith (3), and M27; Riverside Floodwall – both sides.

## SECTION 00800 Special Contract Requirements

## CLAUSES INCORPORATED BY FULL TEXT

## 52.211-10 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK

- (a) The Contractor shall be required to (1) commence work under this contract within 10 calendar days after the date the Contractor receives the Notice to Proceed, (2) prosecute the work diligently, and (3) complete the entire work ready for use within 815 calendar days, with no work being required during the winter exclusion period.
- (b) No work will be required during the periods between 15 December and 1 March inclusive, and such periods have not been considered in computing the time allowed for completion. The Contractor may, however, perform work during all or any part of these periods upon giving prior written notice to the Contracting Officer.
- (c) Exception to completion time: In case the Contracting Officer determines that seeding is not feasible during the completion time stated above, the Contractor shall accomplish such seeding in the first planting period following the contract completion time.

## 52.211-12 LIQUIDATED DAMAGES--CONSTRUCTION (SEP 2000)

- (a) If the Contractor fails to complete the work within the time specified in the contract, the Contractor shall pay liquidated damages to the Government in the amount of \$1,435.00 for Schedule 1 (Phase I), \$1,915.00 Schedule 2 (Phase II), and \$3,315.00 for Schedule 3 (Phases I and II) for each calendar day of delay until the work is completed or accepted.
- (b) If the Government terminates the Contractor's right to proceed, liquidated damages will continue to accrue until the work is completed. These liquidated damages are in addition to excess costs of repurchase under the Termination clause.
- (c) Exception to Liquidated Damages: In case the Contracting Officer determines that seeding is not feasible during the stated completion time, seeding will be exempted from liquidated damages.

(End of clause)

52.231-5000 EQUIPMENT OWNERSHIP AND OPERATING EXPENSE SCHEDULE  
MAR 1995)--EFARS

- (a) This clause does not apply to terminations. See 52.249-5000, Basis for Settlement of Proposals and FAR Part 49.
- (b) Allowable cost for construction and marine plant and equipment in sound workable condition owned or controlled and furnished by a contractor or subcontractor at any tier shall be based on actual cost data for each piece of equipment or groups of similar serial and series for which the Government can determine both ownership and operating costs from the contractor's accounting records. When both ownership and operating costs cannot be determined for any piece of equipment or groups of similar serial or series equipment from the contractor's accounting records, costs for that equipment shall be based upon the applicable provisions of EP 1110-1-8, Construction Equipment Ownership and Operating Expense Schedule, Region V. Working conditions shall be considered to be average for determining equipment rates using the schedule unless specified otherwise by the contracting officer. For equipment not included in the schedule, rates for comparable pieces of equipment may be used or a rate may be developed using the formula provided in the schedule. For forward pricing, the schedule in effect at the time of negotiations shall apply. For retroactive pricing, the schedule in effect at the time the work was performed shall apply.
- (c) Equipment rental costs are allowable, subject to the provisions of FAR 31.105(d)(ii) and FAR 31.205-36. Rates for equipment rented from an organization under common control, lease-purchase arrangements, and sale-leaseback arrangements, will be determined using the schedule, except that actual rates will be used for equipment leased from

an organization under common control that has an established practice of leasing the same or similar equipment to unaffiliated lessees.

(d) When actual equipment costs are proposed and the total amount of the pricing action exceeds the small purchase threshold, the contracting officer shall request the contractor to submit either certified cost or pricing data, or partial/limited data, as appropriate. The data shall be submitted on Standard Form 1411, Contract Pricing Proposal Cover Sheet.

(End of clause)

#### 52.232-5000 PAYMENT FOR MATERIALS DELIVERED OFF-SITE (MAR 1995)--EFARS

(a) Pursuant to FAR clause 52.232-5, Payments Under Fixed Priced Construction Contracts, materials delivered to the contractor at locations other than the site of the work may be taken into consideration in making payments if included in payment estimates and if all the conditions of the General Provisions are fulfilled. Payment for items delivered to locations other than the work site will be limited to: (1) materials required by the technical provisions; or (3) materials that have been fabricated to the point where they are identifiable to an item of work required under this contract.

(b) Such payment will be made only after receipt of paid or receipted invoices or invoices with canceled check showing title to the items in the prime contractor and including the value of material and labor incorporated into the item. In addition to petroleum products, payment for materials delivered off-site are limited to the type and quantity of materials approved by the Contracting Officer prior to commencement of construction.

(End of clause)

#### 52.236-4 PHYSICAL DATA (APR 1984)

Data and information furnished or referred to below is for the Contractor's information. The Government shall not be responsible for any interpretation of or conclusion drawn from the data or information by the Contractor.

(a) The indications of physical conditions on the drawings and in the specifications are the result of site investigations.

(b) Weather conditions : Each offeror should satisfy himself before submitting his proposal as to hazards likely to arise from weather conditions. Complete weather records and reports may be obtained from the local national Weather Service Office.

#### 52.236-6 SUPERINTENDENCE BY THE CONTRACTOR (APR 1984)

At all times during performance of this contract and until the work is completed and accepted, the Contractor shall directly superintend the work or assign and have on the worksite a competent superintendent who is satisfactory to the Contracting Officer and has authority to act for the Contractor.